

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. Lease Designation and Serial No. Federal # U-017985	
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. If Indian, Allottee or Tribe Name n/a	
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>			7. Unit Agreement Name Jonah Unit	
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division			8. Farm or Lease Name Balcron Monument Federal	
3. Address of Operator P.O. Box 21017; Billings, MT 59104			9. Well No. 21-15J	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 644.7' FNL, 1830.3' FWL At proposed prod. zone			10. Field and Pool, or Wildcat Monument Butte/Green River 11. QQ, Sec., T., R., N., or Blk. and Survey or Area NE NW Sec. 15, T9S, R16E	
14. Distance in miles and direction from nearest town or post office* Approximately 16.6 miles southwest of Myton, Utah			12. County or Parrish Duchesne	13. State UTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drilg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well		
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth 5,900' x 5,800'	20. Rotary or cable tools Rotary		
21. Elevations (Show whether DF, RT, GR, etc.) 5,737.20' GL	22. Approx. date work will start* Upon APD approval			
23. PROPOSED CASING AND CEMENTING PROGRAM				
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached				

Operator plans to drill well in accordance with attached Federal Application for Permit to Drill.

**CONFIDENTIAL**

**RECEIVED**  
OCT 22 1993

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge and belief.

Signed Robbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date October 20, 1993

(This space for Federal or State office use)

API NO. 43-013-31422 Approval Date 11/22/93

Approved by [Signature] Title [Signature]

Conditions of approval, if any: WELL SPACING: 649-2-3

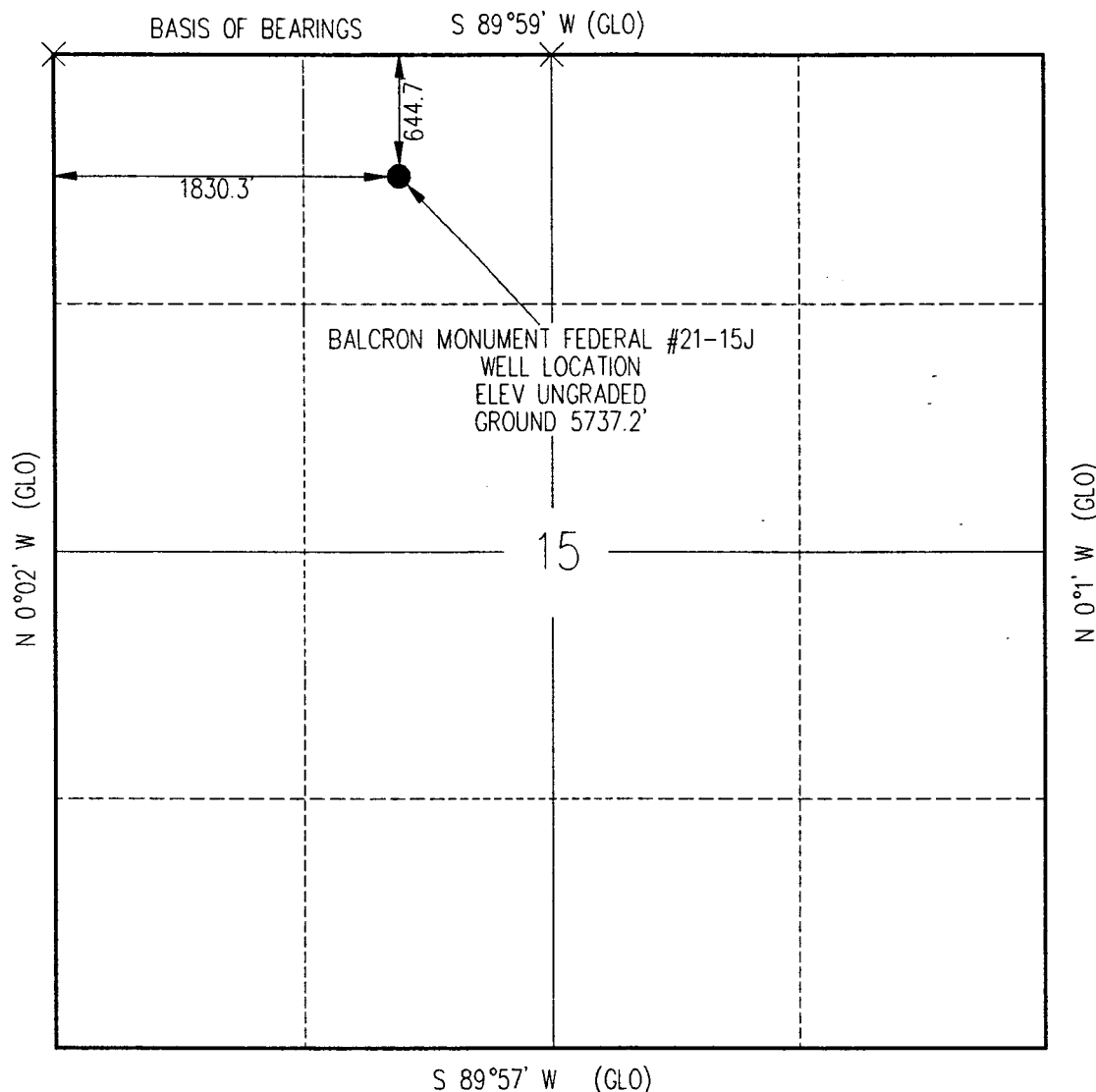
\*See Instructions On Reverse Side

EXHIBIT "F"

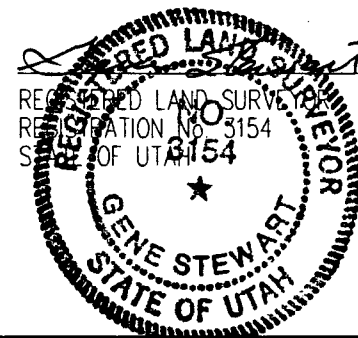
T9S, R16E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #21-15J, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 15, T9S, R16E, S.L.B. & M, DUCHESNE COUNTY UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



X = SECTION CORNERS LOCATED  
BASIS OF BEARINGS; G.L.O. PLAT 1911  
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

WEATHER: CLEAR & HOT  
DATE: 8/19/93  
SCALE: 1" = 1000'  
SURVEYED BY: GS QS  
FILE: MF 21-15J



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil Division

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

644.7' FNL, 1830.3' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 16.6 miles southwest of Myton, Utah

16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

18. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,000' 5,800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,737.20' GL

22. APPROX. DATE WORK WILL START\*

Upon APD Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See drilling	program/casing	design		

EXHIBITS ATTACHED

- "A" PROPOSED DRILLING PROGRAM
- "B" PROPOSED SURFACE USE PROGRAM
- "C" GEOLOGIC PROGNOSIS
- "D" DRILLING PROGRAM/CASING DESIGN
- "E" EVIDENCE OF BOND COVERAGE
- "F" SURVEY PLAT

- "G" RIG LAYOUT
- "H" BOPE DIAGRAM
- "I" EXISTING WELLS (Map)
- "J" PLANNED ACCESS (Map)
- "K" EXISTING WELLS (Map C)
- "L" CUT & FILL DIAGRAM
- "M" Archaeological Survey

RECEIVED  
OCT 20 1993  
DIVISION OF  
OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman  
Bobbie Schuman

TITLE

Coordinator of Environmental  
and Regulatory Affairs

DATE

October 20, 1993

(This space for Federal or State office use)

PERMIT NO.

43-013-31422

APPROVAL DATE

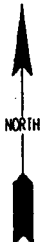
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

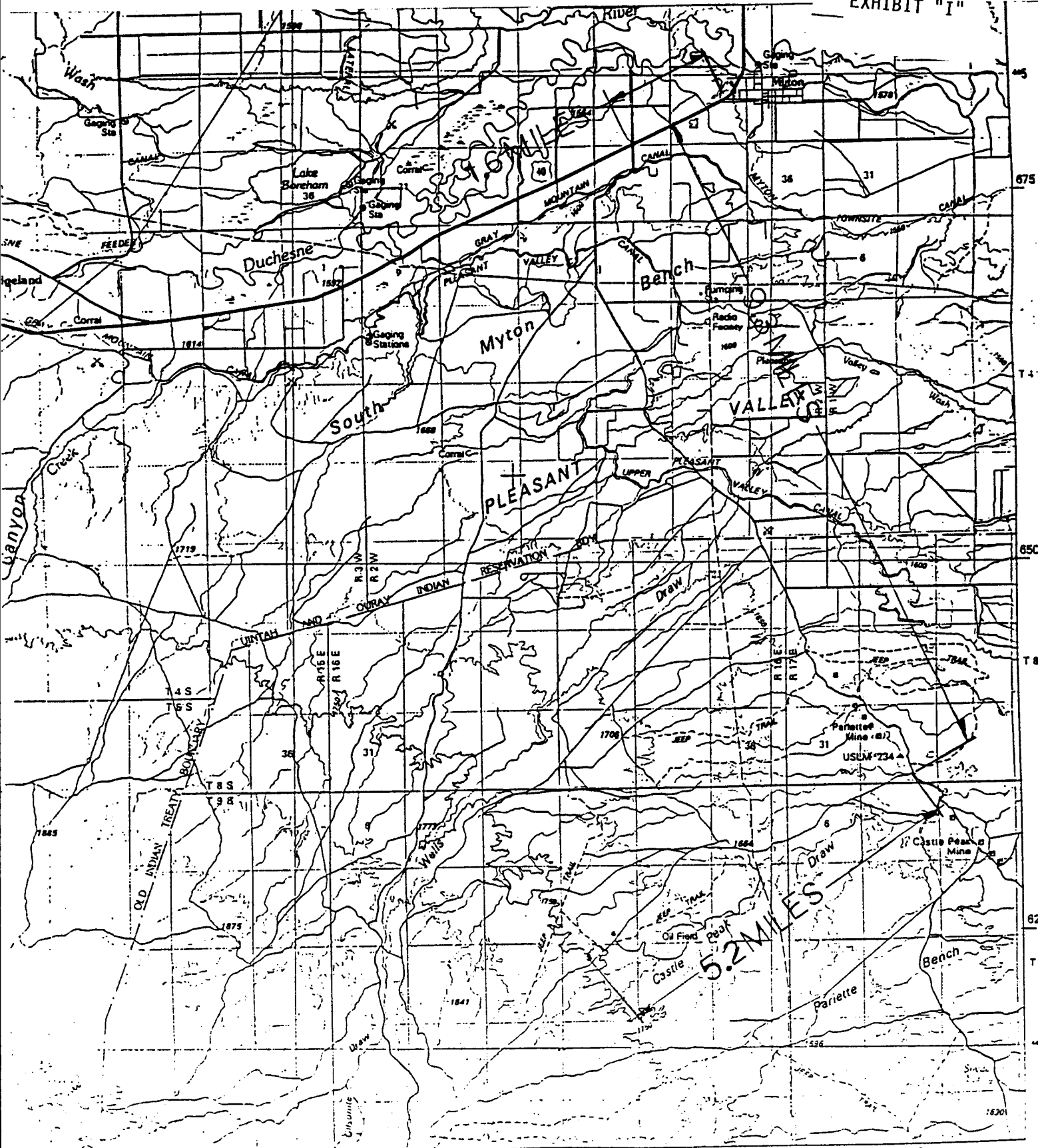
\*See Instructions On Reverse Side



EQUITABLE RESOURCES ENERGY CO.  
MONUMENT FEDERAL #21-15J  
MAP "A"

TRI-STATE  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501

EXHIBIT "I"



12.6

23-6

EXHIBIT "J"

5.2 MILES

DANES

W1

W2

W3

W4

W5

W6

W7

W8

W9

W10

W11

W12

W13

W14

W15

W16

W17

W18

W19

W20

W21

W22

W23

W24

W25

W26

W27

W28

W29

W30

W31

W32

W33

W34

W35

W36

W37

W38

W39

W40

W41

W42

W43

W44

W45

W46

W47

W48

W49

W50

W51

W52

W53

W54

W55

W56

W57

W58

W59

W60

W61

W62

W63

W64

W65

W66

W67

W68

W69

W70

W71

W72

W73

W74

W75

W76

W77

W78

W79

W80

W81

W82

W83

W84

W85

W86

W87

W88

W89

W90

W91

W92

W93

W94

W95

W96

W97

W98

W99

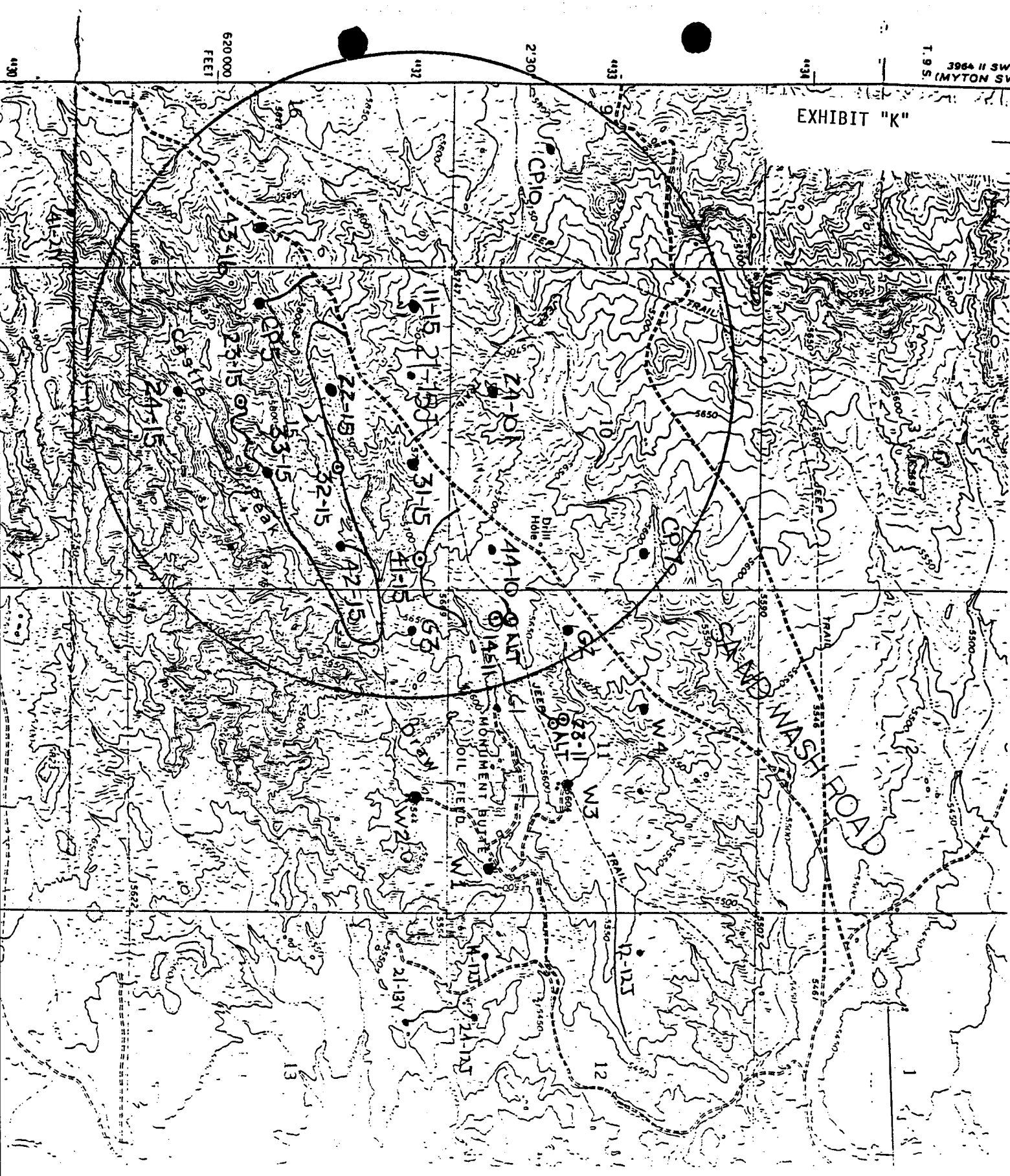
W100

**TRI-STATE**  
**LAND SURVEYING, INC.**  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501



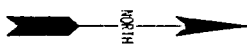
3964 11 SW  
T. 9 S.  
(MYTON SW)

EXHIBIT "K"



EQUITABLE RESOURCES ENERGY CO.  
MONUMENT FEDERAL #21-15J  
MAP "C"

TRI-STATE  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501



# **CONFIDENTIAL**

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.**

Equitable Resources Energy Company  
Balcron Oil Division  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #21-15J  
NE NW Section 15-T9S-R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.



4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")  
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin prior to September 30, 1993.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

**Multi-Point Surface Use and Operations Plan**

EQUITABLE RESOURCES ENERGY COMPANY  
BALCRON OIL DIVISION  
BALCRON MONUMENT FEDERAL #21-15J  
NE NW Section 15, T9S, R16E  
DUCHESNE COUNTY, UTAH

**1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)**

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' North and 200' & 250' West
- B. The Monument Federal #21-15J is located approximately 16.6 miles Southwest of Myton Utah, in the NE1/4 NW1/4 Section 15, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 21-15J, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 9.3 miles to an intersection with Monument Butte Gas Plant road. Proceed West along said Gas Plant road 5.2 miles to Balcron well #21-15J access road sign. Follow flags 500' to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

**2. Planned Access Roads: Refer to Map "B" (shown in GREEN)**

Approximately 500 feet of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - None required.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and

shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

**3. Location of Existing Wells Within a One-Mile Radius:**

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

**4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:**

**A. Existing**

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

**B. New Facilities Contemplated**

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.

3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

## **5. Location and Type of Water Supply**

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah, or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.

B. No water well will be drilled on this location.

#### **6. Source of Construction Materials**

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

#### **7. Methods of Handling Waste Materials:**

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

## **8. Ancillary Facilities:**

None anticipated.

**9. Wellsite Layout:**

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to help visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be located on the South side, and the flare pit will be downwind of the prevailing wind direction near corner #4. Access to the well pad will be from the Southeast near corner #4. Corner #8 will be squared in 32 feet to avoid a drainage.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind on the East side of location between corner #5 and corner #6, at least 100' from the wellhead and at least 30' from the reserve pit. This pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the well site location.
- E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
  - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.



3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the it as soon as possible after drilling operations are completed.

#### 10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

##### A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic reinforced pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case

of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seeded will be prepared by dishing, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the following seed mixture:

Pure Live Seed (PLS)	Seed Mix
lbs./acre	
2	Russian Wildrye ( <i>Elymus junceus</i> )
3	Needle-and-Thread Grass ( <i>Stipa comata</i> )
3	Ephriam Crested Wheatgrass ( <i>Agropyron cristatum</i> Ephriam)
1	Yellow Sweetclover ( <i>Melilotus officinalis</i> )
2	Fourwing Saltbush ( <i>Atriplex canescens</i> )
1	Forage Kochia ( <i>Kochia prostrata</i> )

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be

conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

**B. Dry Hole/Abandoned Location**

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
  - (a) re-establishing irrigation systems where applicable,
  - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
  - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

**11. Surface Ownership:**

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management  
Vernal District Office  
Vernal, Utah

**12. Other Information:**

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the

South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 11 miles South of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.

- C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
2. There are no occupied dwellings in the immediate area
3. An archaeological report will be forwarded upon completion.
4. There are no reported restrictions or reservations noted on the oil and gas lease.
5. A silt catchment dam will be constructed according to BLM specifications approximately 150' from corner #2, where staked.

**13. Lessee's or Operator's Representative:**

Balcron Oil  
a division of Equitable Resources Energy Company  
1601 Lewis Avenue  
P.O. Box 21017  
Billings, Montana 59104  
(8:00 a.m. to 5:00 p.m.)  
(406)259-7860  
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Dale Griffin, Field Superintendant Home (406)656-9719

**14. certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

October 20, 1993

**Date**

Bobbie Schuman

**Bobbie Schuman  
Coordinator of Enviromental  
and Regulatory Affairs  
BALCRON OIL division of  
Equitable Resources Energy  
Company**

## EXHIBIT "C"

[illegible]

**Wellsite Geologist**

Name: \_\_\_\_\_

From: \_\_\_\_\_ to: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone # \_\_\_\_\_ wk. \_\_\_\_\_

\_\_\_\_\_ hm. \_\_\_\_\_

Fax # \_\_\_\_\_

Mud Logger/Hot Wire	
Company:	
Required:	(Yes/No) YES
Type:	TWO MAN
Logger:	
Phone #	
Fax #	
wk.	248-2778 hm.
wk.	248-7026 hm.
wk.	hm.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: MONUMENT BUTTE AREA
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight ( 9.63 ppg) : 0.500 psi/ft  
 Shut in surface pressure : 2280 psi  
 Internal gradient (burst) : 0.100 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Body Yield : 1.50 (B)  
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	SFC TO TD	5-1/2"	15.50	J-55	ST&C	SEE APD COVER SHEET	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2850	4040	1.418	2850	4810	1.69	88.35	202	2.29 J

Prepared by : McCoskery, Billings, MT  
 Date : 11-30-1992 (Revised 8/30/93)  
 Remarks :

The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and 2,850 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)



Equitable Resources Energy Company  
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Monument Butte Area  
LOCATION: Twn.9S Rge.16E & 17E  
COUNTY: Duchesne

PROSPECT/FIELD: Monument Butte  
STATE: Utah

TOTAL DEPTH: SEE APD COVER SHEET

HOLE SIZE INTERVAL

12 1/4" 0 to 260'  
7 7/8" 260 to T.D.

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	T.D.	5 1/2"	15.50#/Ft	J-55
(All Casing will be new, ST&C)					

CEMENT PROGRAM

Surface 150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele.  
(Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.

PRELIMINARY  
DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

depending on the drilling contractor either:

- Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.
- Drilling will be done using 2% KCl water and gel.

COMMENTS

- No cores or DST's are planned.

DMM/8/27/93



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
MONTANA STATE OFFICE  
222 NORTH 32ND STREET  
P.O. BOX 36800  
BILLINGS, MONTANA 59107-6800



IN REPLY TO:

MTM 12619-A et al  
BLM BOND NO. MT0576  
(922.31)

April 25, 1989

## NOTICE

Equitable Resources Energy Company  
P. O. Box 21017  
Billings, Montana 59104

OIL AND GAS

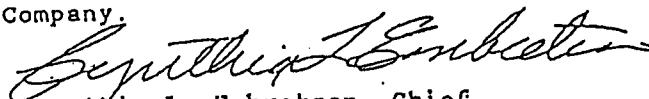
### CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.

  
Cynthia L. Embretson, Chief  
Fluids Adjudication Section

1 Enclosure  
1-Exhibit A

cc: (w/encl.)  
AFS, Denver (1)  
All DMs (1 ea.)  
RMO Section (1)  
Regional Forester, Lakewood (2)  
Regional Forester, Missoula (2)  
Bureau of Reclamation (1)

Form 3104-8  
(July 1984)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

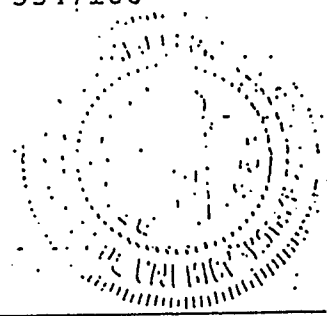
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE  
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable



KNOW ALL MEN BY THESE PRESENTS, That we  
BALCRON OIL COMPANY  
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and  
SAFECO INSURANCE COMPANY OF AMERICA  
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00 ), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- ☐ The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:



## SURETY RIDER

EXHIBIT "E" Page 3 of 4  
SAFECO INSURANCE COMPANY OF AMERICA  
GENERAL INSURANCE COMPANY OF AMERICA  
FIRST NATIONAL INSURANCE COMPANY  
OF AMERICA  
HOME OFFICE: SAFECO PLAZA  
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88

(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,  
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,  
(SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND  
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89

(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89

(MONTH, DAY, YEAR)

EQUITABLE RESOURCES ENERGY COMPANY

PRINCIPAL

By: \_\_\_\_\_ TITLE

SAFECO INSURANCE COMPANY OF AMERICA

SURETY

By: R. George Voinchet ATTORNEY-IN-FACT



POWER  
OF ATTORNEY

GENERAL INSURANCE COMPANY OF AMERICA  
HOME OFFICE: SAFECO PLAZA  
SEATTLE, WASHINGTON 98185

EXHIBIT "E" Page 4 of 4  
3798

No. \_\_\_\_\_

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VEHR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA  
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA  
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

(i) The provisions of Article V, Section 13 of the By-Laws, and

(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and

(iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 10th day of April, 19 89.

## EXHIBITS "G" and "H"

Rig layouts and BOPE diagrams are submitted for both Union Drilling Rig #17 and Molen Drilling Rig #1. This well will be drilled with air as far as hole conditions allow and then with drilling fluids. See EXHIBIT "D" for additional details.

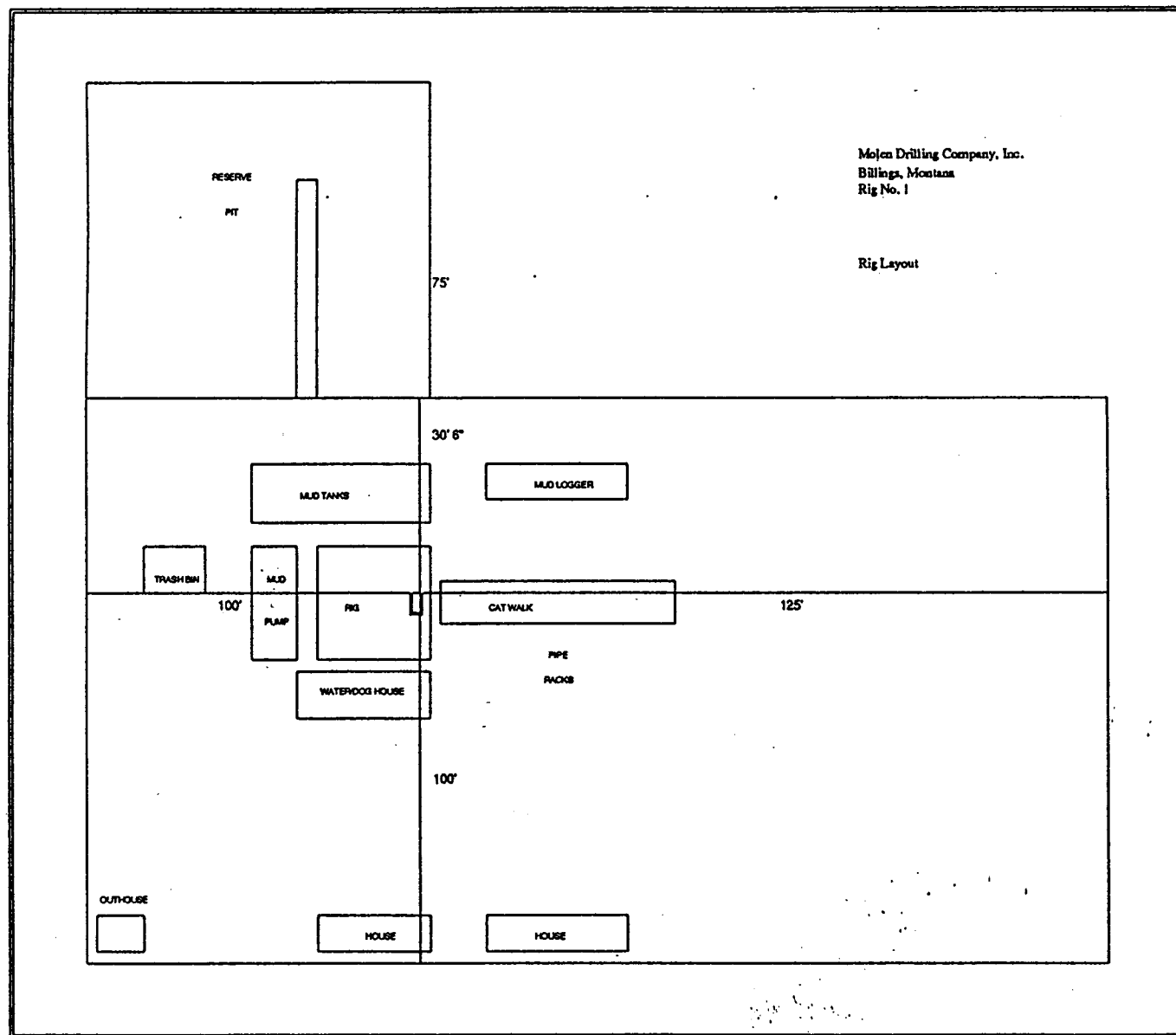
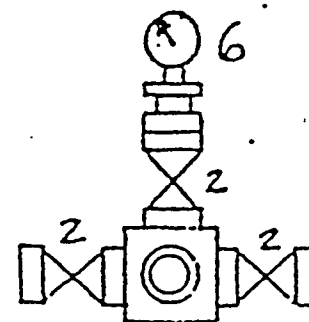
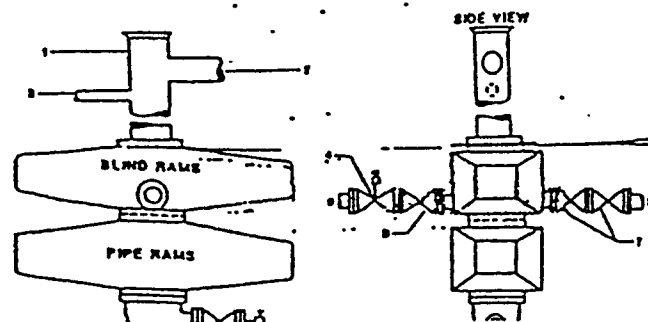
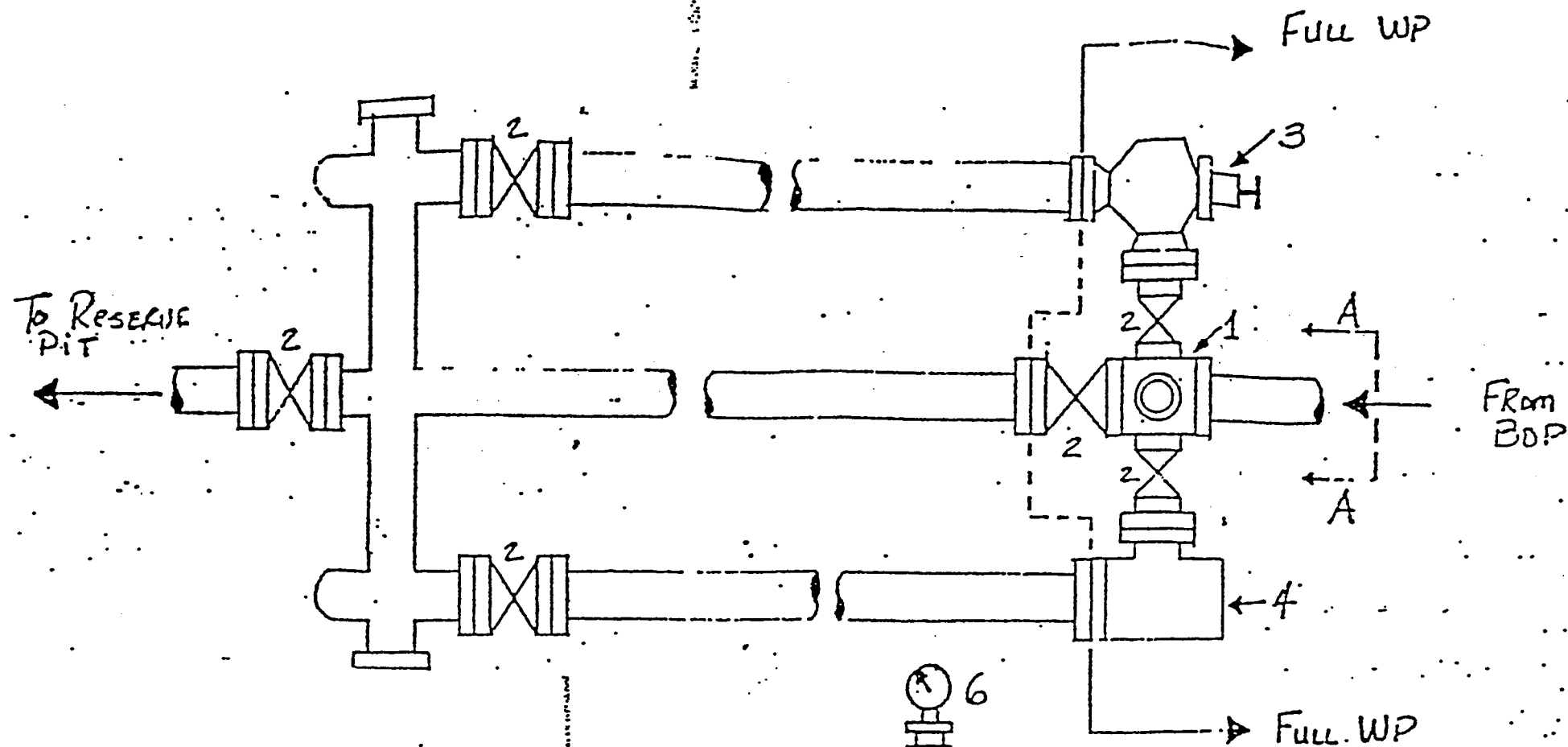


EXHIBIT "H"



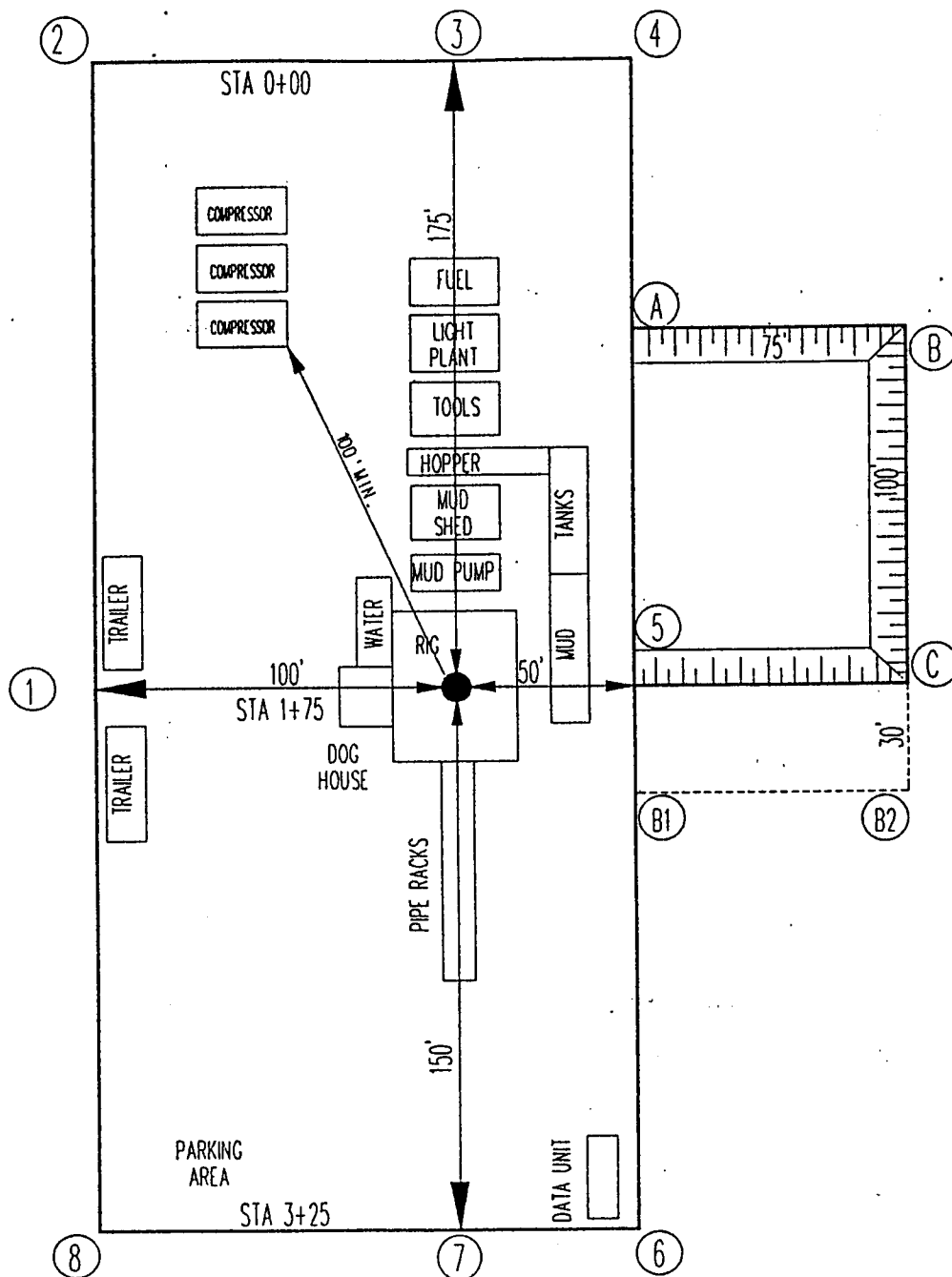
1. Cross
2. Gate Valve
3. Adjustable Choke
4. Positive Choke
5. Welded Bull Plug, Lead Filled
6. 2" - 1000 psi mud pressure gauge

Notes: All lines must be securely anchored



# EQUITABLE RESOURCES ENERGY CO.

## WELLSITE LAYOUT



**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501

UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000  
BLIND RAM-PIPE RAM

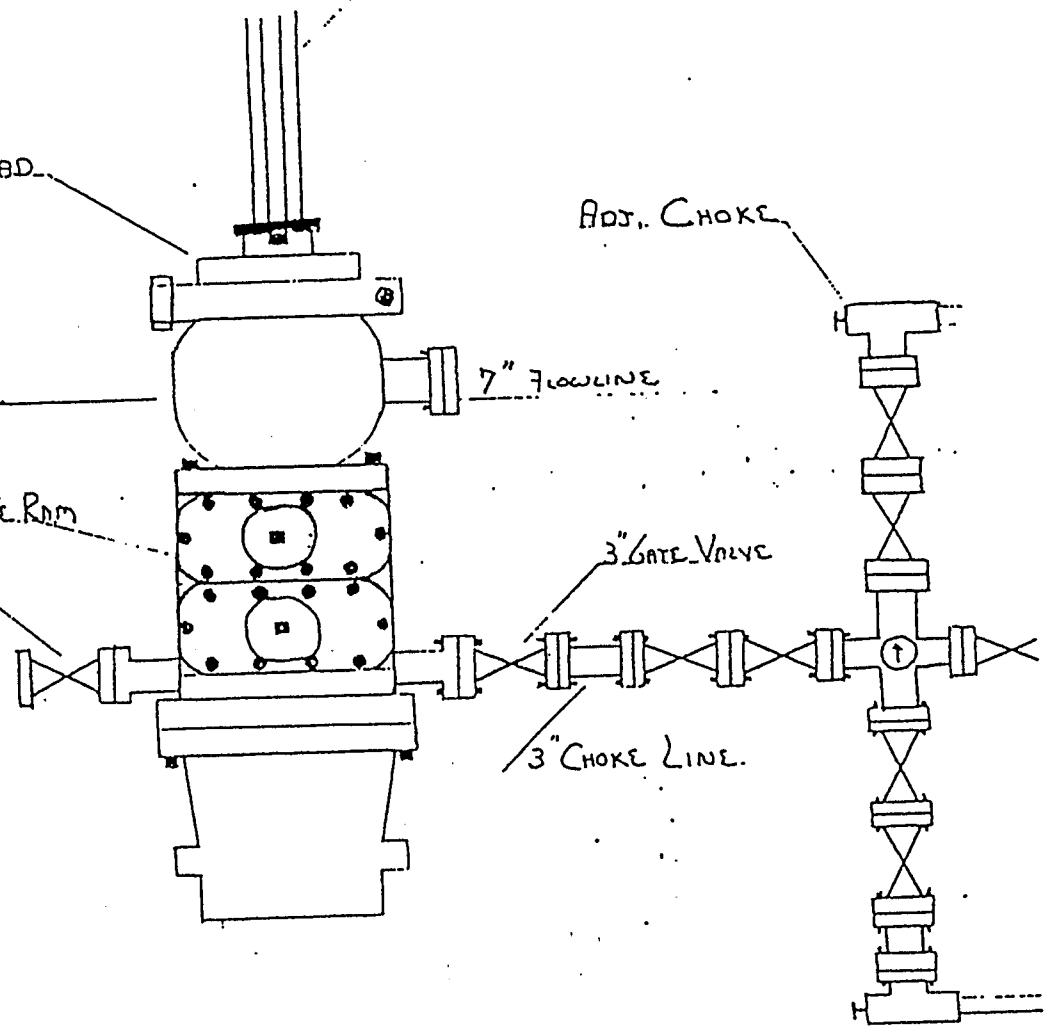
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

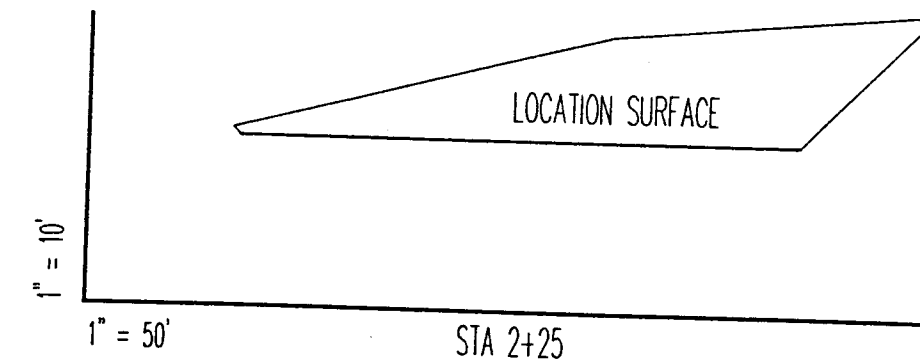
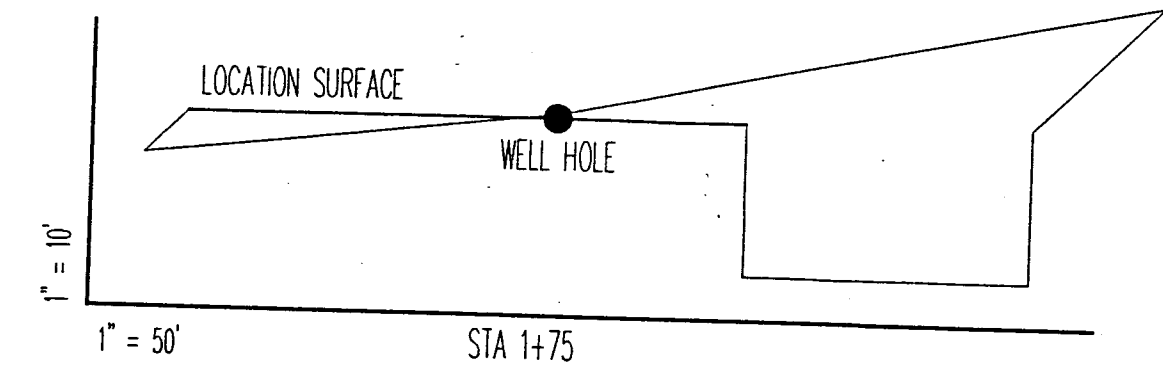
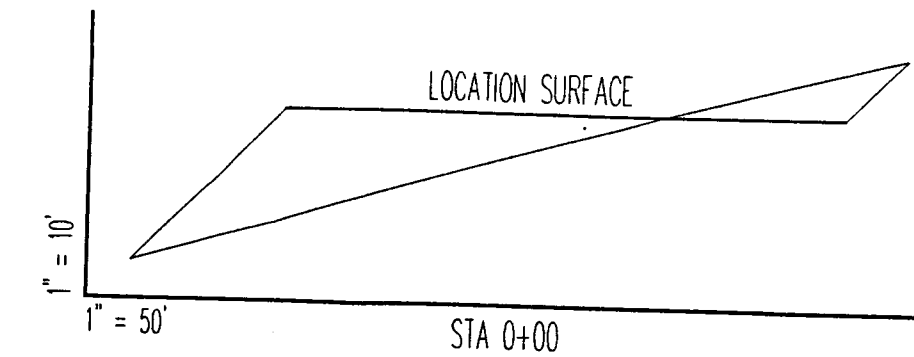
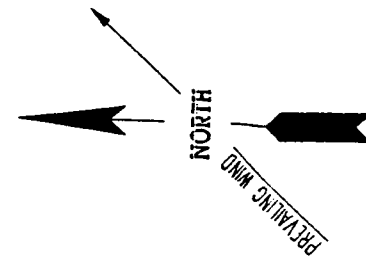
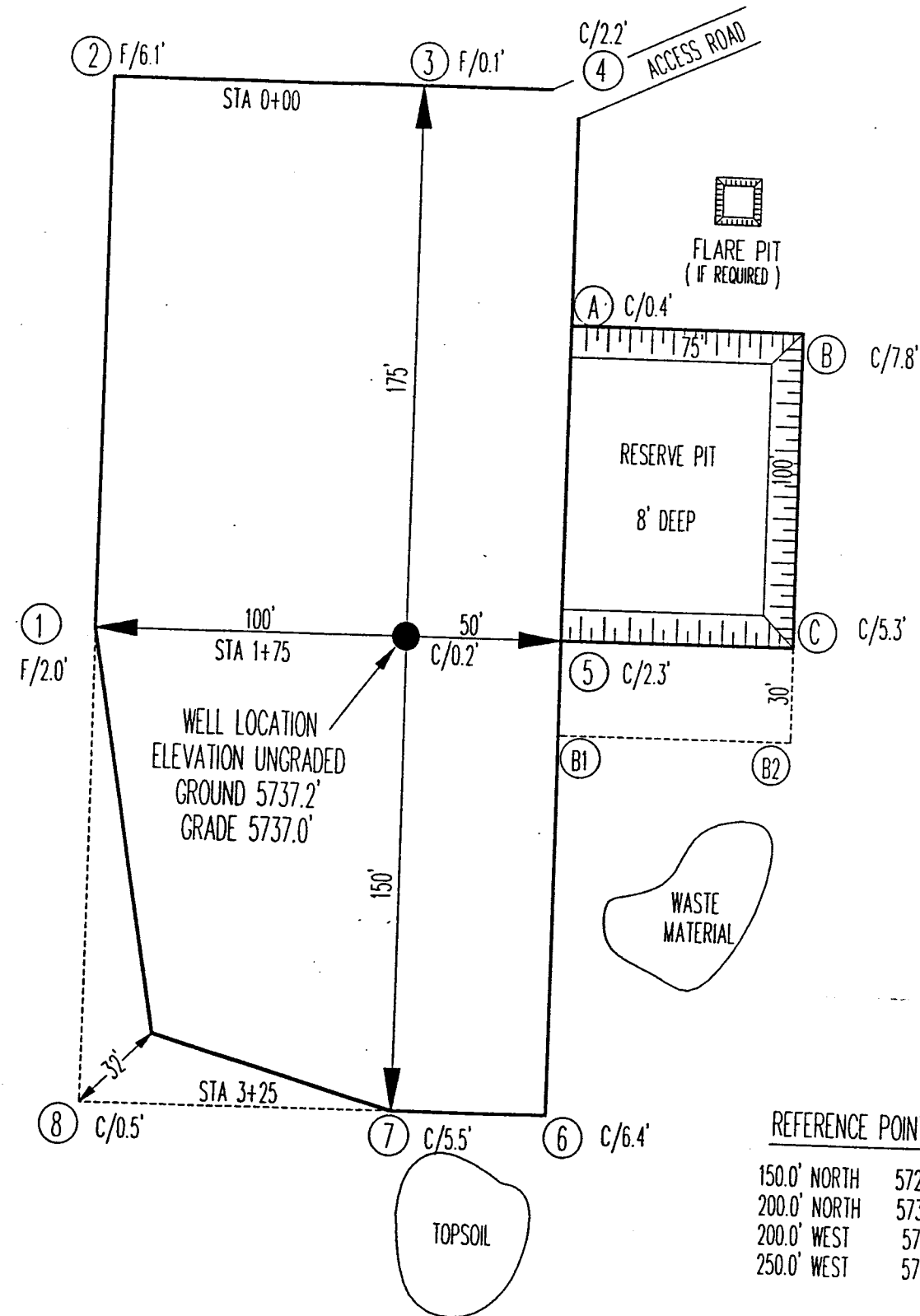
#3000 STACK



# EQUITABLE RESOURCES ENERGY CO.

BALCRON FEDERAL #21-15J

EXHIBIT "L"



**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501

FILENAME 21-15J

EXHIBIT "M"

**CULTURAL RESOURCE EVALUATION  
OF FOUR PROPOSED WELL LOCATIONS  
IN THE MONUMENT BUTTES  
LOCALITY OF DUCHESNE COUNTY, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-93-54937  
AERC Project 1396 (BLCR-93-5)

Utah State Project No.: UT-93-AF-488b

Principal Investigator  
F. Richard Hauck, Ph.D.

Author of the Report  
Glade V Hadden



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH  
CORPORATION (AERC)**

181 North 200 West, Suite 5  
P.O. Box 853  
Bountiful, Utah 84011-0853

September 7, 1993

## ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of four proposed well locations situated on BLM administered lands located in the Monument Buttes locality of Duchesne County, Utah. This evaluation involved a total of 44.85 acres, of which 4.85 acres (.4 miles) include two separate access roads associated with units 41-14J and 21-15J. The remaining 40 acres involve 10 acre parcels at all four of the proposed well locations. These evaluations were conducted by Glade Hadden of AERC on September 3, 1993.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

One newly identified non-significant cultural resource activity locus (42DC 773) was discovered and recorded during the examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

## TABLE OF CONTENTS

	page
Abstract . . . . .	ii
Table of Contents . . . . .	iii
List of Maps of the Project Area . . . . .	iv
General Information . . . . .	1
Project Location . . . . .	1
Environmental Description . . . . .	3
Previous Research in the Locality . . . . .	3
File Search . . . . .	3
Prehistory and History of the Project Area . . . . .	3
Site Potential in the Project Development Zone . . . . .	4
Field Evaluations . . . . .	5
Methodology . . . . .	5
Site Significance Criteria . . . . .	5
Results of the Inventory . . . . .	5
Conclusion and Recommendations . . . . .	6
References . . . . .	7

LIST OF MAPS OF THE PROJECT AREA

	page
MAP 1: Cultural Resource Inventory of Proposed Balcron Well Units in the Monument Buttes Locality of Duchesne County, Utah	2

## GENERAL INFORMATION

On September 3, 1993, AERC archaeologist Glade Hadden conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved four proposed well locations and associated access routes located in the Monument Buttes area south of Myton, Utah. Some .4 miles of access routes (4.85 acres) and four - 10 acre well pads were examined. This project is situated in the Monument Buttes locality of Duchesne County, Utah. The entire project area is situated on federal lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed developments on these well locations require archaeological evaluations in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management Vernal District Office, and to the Utah State Antiquities Section. This work was done under U.S. Department of Interior Permit for Utah UT-93-54937 which expires on January 31, 1994.

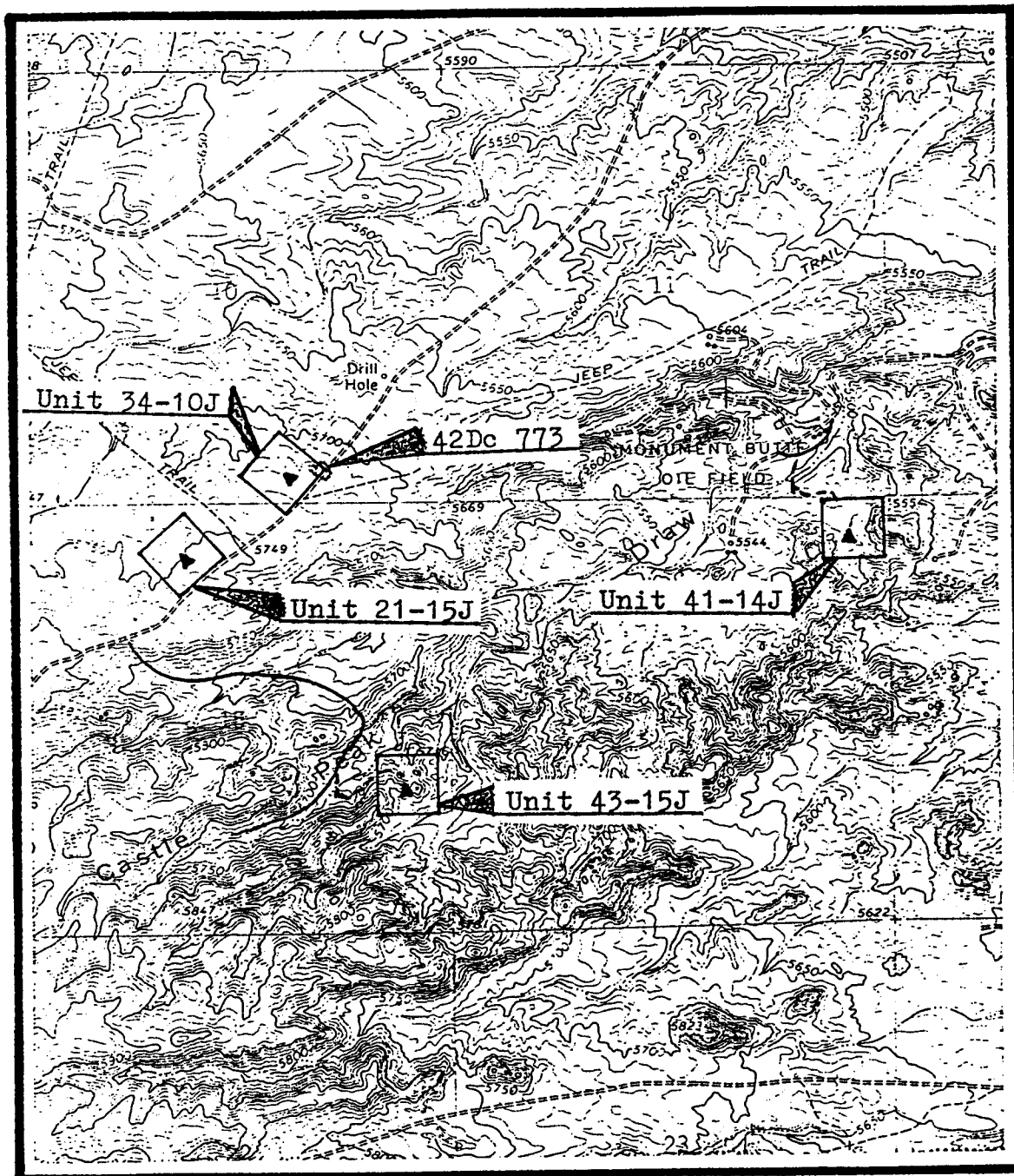
## Project Location

The project location is in the Monument Buttes locality of Duchesne County, Utah. It is situated on the Myton SE 7.5 minute topographic quad.

Unit 41-14J is situated in the NE - NE quarter of Section 14, Township 9 South, Range 16 East. Its access route extends ca. .25 mi. north to an existing road (See Map).

Unit 34-10J is in the SW - SE quarter of Section 10, Township 9 South, Range 16 East. This unit is accessible via the existing Monument Buttes road which extends westerly across the SE corner of the section (See Map). The well location is directly adjacent this road, so no separate access route is necessary.





T. 09 South  
 R. 16 East  
 Meridian: SL  
 Quad: Myton SE  
 Utah

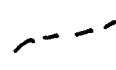
MAP  
 Cultural Resource Inventory  
 of Proposed Balcron Well  
 Units in the Monument Buttes  
 Locality, Duchesne County Ut

Legend:

Well  
 Location



Access  
 Route



Existing  
 Road

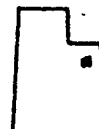


Cultural  
 Site



Project: BLCR-93-5  
 Series: Uinta Basin  
 Date: 9/7/93

Scale: 1:24,000



Unit 21-15J is located in the NE - NW of Section 15. This unit is reached via the same existing road (Monument Buttes access road) as the previous unit. This road runs southwesterly across the NW quarter of the section. (See Map). The well location is directly adjacent to the road, so no separate access route is necessary.

Unit 43-15J is situated in the NE - SE of the previous section (Sec. 15). This unit is accessible via. an existing road which connects the Monument Buttes road with the bottom of Castle Peak Draw (See Map.). A ca. .15 mi. access route leads east into this location.

### Environmental Description

The project area is within the 5400 to 5600 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus* spp., *Artemisia* spp., *Eriogonum* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

### PREVIOUS RESEARCH IN THE LOCALITY

#### File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on August 23, 1993. A similar search was conducted in the Vernal District Office of the BLM on August 25, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Norman and Hauck 1980). Other sites have been located and recorded by AERC and other archaeological consultants during oil and gas exploration inventories.

### Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and

extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

### Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

### FIELD EVALUATIONS

#### Methodology

Intensive evaluations consisted of the archaeologist walking a series of 10 to 15 meter wide transects over a ten acre pad around each well location center stake. In addition, each access route was inventoried by the archaeologist walking a pair of 10 - 15 meter transects on each side of the flagged access route. Thus, a 35 meter-wide or 100 foot-wide corridor (ca. 4.85 acres) was examined for the total ca. .4 mile length of proposed access routes.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

### Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

### Results of the Inventory

One prehistoric cultural resource activity locus was observed and recorded during the archaeological evaluations. Site 42DC 773 consists of a non-significant open occupation area and associated lithic scatter. The integrity of this site has been almost totally destroyed by vandalism, collectors, and road blading activities. No diagnostic tools or buried deposits were found within this site.

No previously recorded sites are located within the proposed development zones.

No significant or National Register sites were noted or recorded during the survey.

No isolated artifacts were recorded or collected during the evaluations.

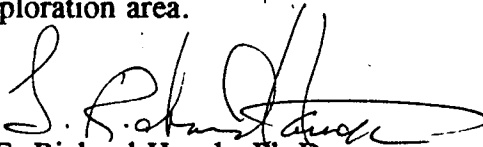
No paleontological loci were observed or recorded during the evaluations.

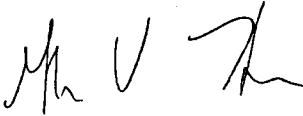
#### CONCLUSION AND RECOMMENDATIONS

No known significant cultural or paleontological resources will be adversely impacted during the development and operation of the Balcron Oil Company well locations evaluated during this project.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the developments proposed on these well locations based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

  
F. Richard Hauck, Ph.D.  
President and Principal  
Investigator

  
Glade V Hadden  
Field Supervisor

## REFERENCES

Hadden, Glade V

- 1993 Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.

1993a Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Polk, Michael

1982 Cultural resource inventory of NGC Well No. 12-8h. Report prepared by Sagebrush Archaeological Consultants, Ogden.

Norman, V. Garth and F. R. Hauck

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful

Department of the Interior  
Bureau of Land Management  
Utah State Office  
(AERC FORMAT)

Authorization No .U.9.3.A.F.4.8.8.b. .

Report Acceptable Yes ☐ No ☐

Mitigation Acceptable Yes ☐ No ☐

Summary Report of  
Inspection for Cultural Resources

Comments: \_\_\_\_\_

F O U R W E L L L O C A T I O N S I N T H E

M O N U M E N T B U T T E S L O C A L I T Y

1. Report Title . . . . .

Balcron Oil Company (BLCR-93-5)

2. Development Company \_\_\_\_\_

3. Report Date . . . . . 0 9 0 7 1 9 9 3 4. Antiquities Permit No. UT-92-54937

5. Responsible Institution . . . . . A E R C B L C R 9 3 - 5 ~~Dahse~~ County \_\_\_\_\_

6. Fieldwork 9 S 1 6 E 1 0 1 4 1 5  
Location: TWN . . . . . RNG . . . . . Section. . . | . . . | . . . | . . . |

7. Resource  
Area TWN . . . . . RNG . . . . . Section. . . | . . . | . . . | . . . |  
.D M.

8. Description of Examination Procedures: The archeologist, G.V. Hadden intensively examined the proposed well locations and access routes by walking a series of 10 to 20 meter-wide transects in a 100 foot-wide corridor centered on the flagged access route center-line stakes, and by walking a series of 10 to 20 meter wide transects across the ten acre well locations.

9. Linear Miles Surveyed . . . . . 4 10. Inventory Type . . . . . I  
and/or Definable Acres Surveyed . . . . . R = Reconnaissance  
and/or I = Intensive  
Legally Undefinable 4 4 . 8 5 S = Statistical Sample  
Acres Surveyed . . . . .

11. Description of Findings: One non-significant archaeological site was identified and recorded during this survey. Site 42DC 773 is a non-significant open occupation and lithic scatter.  
12. Number Sites Found .1. . . . . (No sites = 0)  
13. Collection: .N.  
Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:  
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 8-23-93 Vernal BLM 8-25-93

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for this proposed development based on the following stipulations:



operations should be confined to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

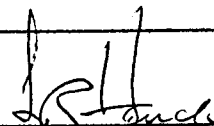

---

17. Signature of Administrator  
    & Field Supervisor

UT 8100-3 (2/85)

Administrator

Field  
Supervisor

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/22/93

API NO. ASSIGNED: 43-013-31422

WELL NAME: BALCRON MONUMENT FED. 21-15J  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NENW 15 - T09S - R16E  
SURFACE: 0645-FNL-1830-FWL  
BOTTOM: 0645-FNL-1830-FWL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U-017985

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond  
(Number FEDERAL)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number BY SUNDAY)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

☒ R649-2-3. Unit: UTU 72086A  
\_\_\_\_ R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS:

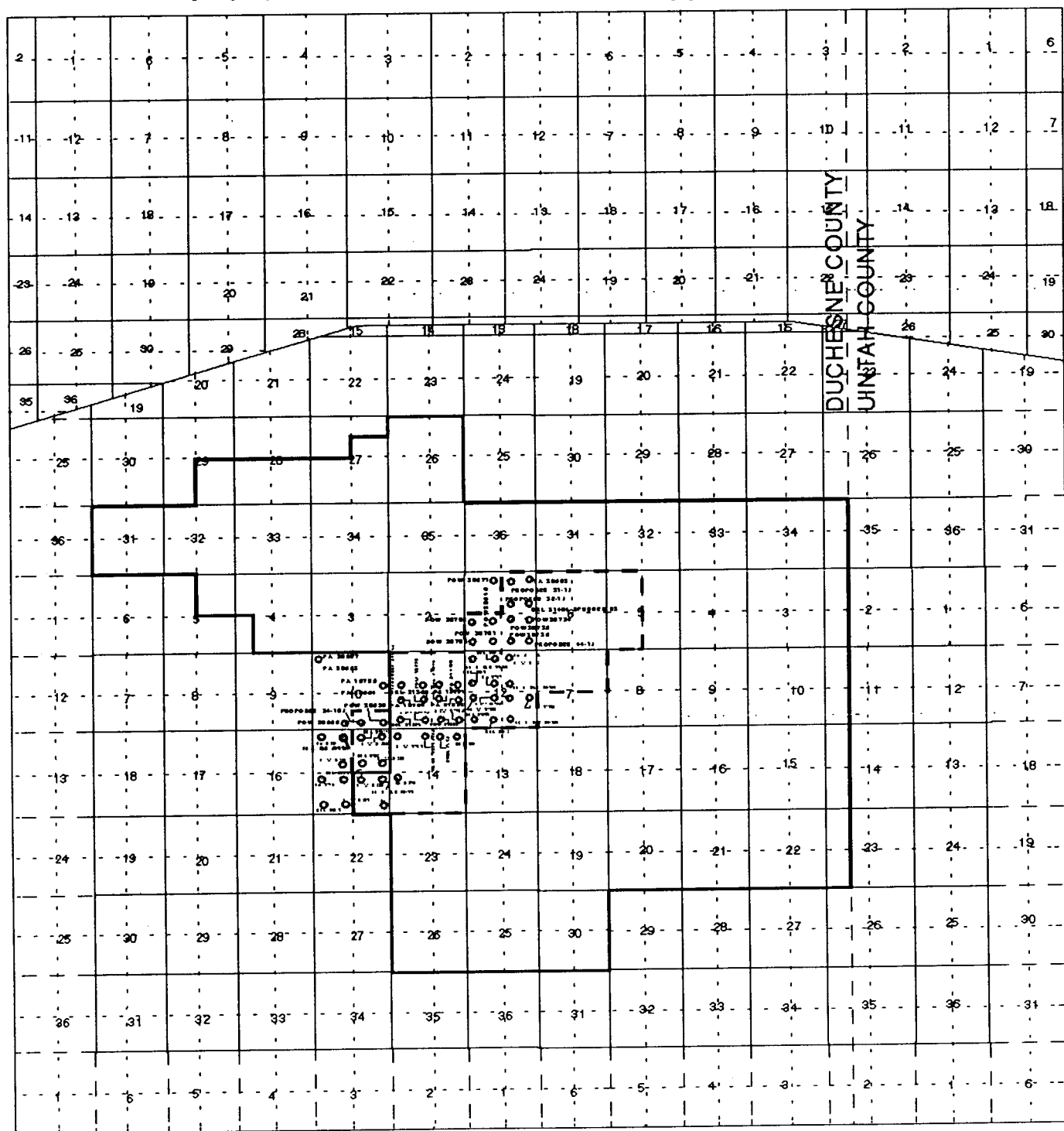
1994 POD - Jonah Secondary Recovery Unit

STIPULATIONS:

# MONUMENT BUTTE

T 1 W

R 1 E



R 16 E

R 17 E

DUCHESSNE COUNTY

FIELD 105 ACTIVE



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

November 22, 1993

Equitable Resources Energy Company  
P.O. Box 21017  
Billings, Montana 59104

Re: Balcron Monument Federal 21-15J Well, 645' FNL, 1830' FWL, NE NW, Sec. 15,  
T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after commencing drilling operations.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Oil and Gas Field Specialist, (Home) (801)269-9212.



Page 2

Equitable Resources Energy Company  
Balcron Monument Federal 21-15J Well  
November 22, 1993

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31422.

Sincerely,



R.J. Fitch  
Associate Director, Oil and Gas

Idc

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal

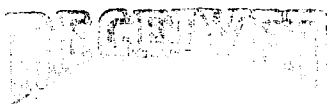
WO11



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104



DEC 03 1993

DIVISION OF  
OIL, GAS & MINING

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

December 1, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

*BALCRON Monument Federal 21-15J*

*43-013-31422*

*Sec 15, T9S, R16E*

Gentlemen:

In response to APD deficiency letters for wells on the enclosed list, enclosed are sundry notices giving identification of chemicals. Also noted on that list are specific comments on archeological reports, Plan of Development, and Right-of-Way where applicable. There were three requests for archeological reports which were submitted with the APDs (see EXHIBIT "M" of those APDs). Please confirm that you did receive those with the APDs.

Thank you.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE NW Section 15, T9S, R16E

644.7' FNL, 1830.3' FWL

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #21-15J

9. API Well No.

43-013-31422

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Identification of chemical  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached.

DEC 03 1993

DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Robbie Schuman*

Title

Coordinator of Environmental  
and Regulatory Affairs

Date December 1, 1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

ATTACHMENT TO SUNDRY NOTICE

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

- Cement (cement and associated additives)
- Crude oil (produced hydrocarbons)
- Diesel (fuels)
- Fly ash (cement and associated additives)
- Gasoline (fuels)
- Hydrochloric acid (acids, organic)
- Lime (cement and associated additives)
- Potassium chloride (salt solutions)

We anticipate that it is possible that the 10,000 pound threshold of the above chemicals could be met or exceeded in these operations. With the exception of crude oil, all chemicals used will be in the normal course of drilling and completion operations and will be provided by service companies subcontracted by the operator. Storage, transportation, and disposal of any of these chemicals will be handled by such service companies. It is anticipated that drilling of this well will produce crude oil.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93  
/rs



MONUMENT BUTTE DRILLING PROGRAM

NINTH BATCH

=====

Balcron Monument Federal #32-12J  
SW NE Section 12, T9S, R16E  
Duchesne County, Utah  
1804.8' FNL, 2138.6' FEL  
FLS #U-035521  
PTD: 5,800'  
GL 5413'

Archeological Report sent 11/18/93  
POD has been approved

Balcron Monument Federal #34-12J  
SW SE Section 12, T9S, R16E  
Duchesne County, Utah  
796.4' FSL, 2175.5' FEL  
FLS #U-035521  
PTD: 5,800'  
GL 5524.1'

Archeological Report sent 11/18/93  
POD has been approved

Balcron Monument Federal #21-14J  
NE NW Section 14, T9S, R16E  
Duchesne County, Utah  
517.8' FNL, 1850.2' FWL  
FLS #U-096547  
PTD: 5,750'  
GL 5592.5'

Archeological Report sent 11/18/93  
POD has been approved

Balcron Monument Federal #34-10J  
SW SE Section 10, T9S, R16E  
Duchesne County, Utah  
592' FSL, 1979.2' FEL  
FLS #U-017985  
PTD: 5,850'  
GL 5,717.7'

Archeological Report submitted with  
APD -- see EXHIBIT "M"  
POD has been approved

Balcron Monument Federal #31-1J  
NW NE Section 1, T9S, R16E  
Duchesne County, Utah  
660' FNL, 1980' FEL  
FLS #U-33992  
PTD: 5,950'  
GL 5368.1'

Archeological Report sent 11/18/93  
POD has been approved  
ROW applied for 11/12/93

Balcron Monument Federal #32-1J  
SW NE Section 1, T9S, R16E  
Duchesne County, Utah  
2143' FNL, 1987' FEL  
FLS #U-33992  
PTD: 5,950'  
GL 5398.4'

Archeological Report sent 11/18/93  
POD has been approved

Balcron Monument Federal #44-1J  
SE SE Section 1, T9S, R16E  
Duchesne County, Utah  
338 FSL, 859' FEL  
FLS #U-44426  
PTD: 5,900'  
GL 5372.1'

Archeological Report sent 11/18/93  
POD has been approved  
New APD face page sent 11/16/93

Balcron Monument Federal #12-11J  
SW NW Section 11, T9S, R16E  
Duchesne County, Utah  
2128' FNL, 689' FWL  
FLS #U-096550  
PTD: 5,700'  
GL 5617.2'

Archeological Report sent 11/18/93  
POD has been approved

Balcron Monument Federal #11-12J  
NW NW Section 12, T9S, R16E  
Duchesne County, Utah  
660' FNL, 660' FWL  
FLS #U-096550  
PTD: 5,900'  
GL 5516.1'

Archeological Report sent 11/18/93  
POD has been approved

Balcron Monument Federal #21-15J  
NE NW Section 15, T9S, R16E  
Duchesne County, Utah  
644.7' FNL, 1830.3' FWL  
FLS #U-017985  
PTD: 5,800'  
GL 5,737.20'

Balcron Monument Federal #43-15J  
NE SE Section 15, T9S, R16E  
Duchesne County, Utah  
1777.9' FSL, 788.4' FEL  
FLS #U-017985  
PTD: 5,700'  
GL 5,701.8'

Archeological Report submitted with  
APD -- see EXHIBIT "M"  
POD has been approved

Archeological Report submitted with  
APD -- see EXHIBIT "M"  
POD has been approved

BALCRON OIL

Balcron Monument Federal #21-15J

NE NW Section 15, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN  
PALEONTOLOGIST  
235 EAST MAIN  
VERNAL, UTAH 84078

OCTOBER 10, 1993

## RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT FEDERAL #21-15J

### Description of Geology and Topography-

This well location is on the bench approximately 3/4 mile north of Castle Peak Draw, 11 miles south and 2 1/2 miles west of Myton, Utah. A small side canyon to Castle Peak Draw lies between the location and Castle Peak Draw. The wellpad is located on the east side of a small flat bottomed drainage with rounded hills to the east. Drainage is to the north. The access road enters the wellpad location from the southeast down a small draw after leaving an existing road.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains.

Bedrock exposed in the immediate area of the proposed wellpad is a brown-gray sandstone. This is seen in the southeast corner where the pit will be. It is also exposed along the east side and north 1/3 of the location. Other rocks exposed in the area are composed of interbedded sandy limestone, limy sandstone, shale, and sandstone.

### Paleontological material found -

No fossil vertebrate material was found on the wellpad location or access road.

### Recommendations-

No other recommendations are made for this location.

Allen H. Hamblin

Date October 12, 1993

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE NW Section 15, T9S, R16E

644.7' ENL, 1830.3' FWL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #21-15J

9. API Well No.

43-013-31422

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other change in rig and water source

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator plans to use Union Drilling Rig #17 as the drilling rig and the Joe Shields water source in drilling this well. Rig layout, BOPE diagram, and a copy of the water permit are attached.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date December 15, 1993

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

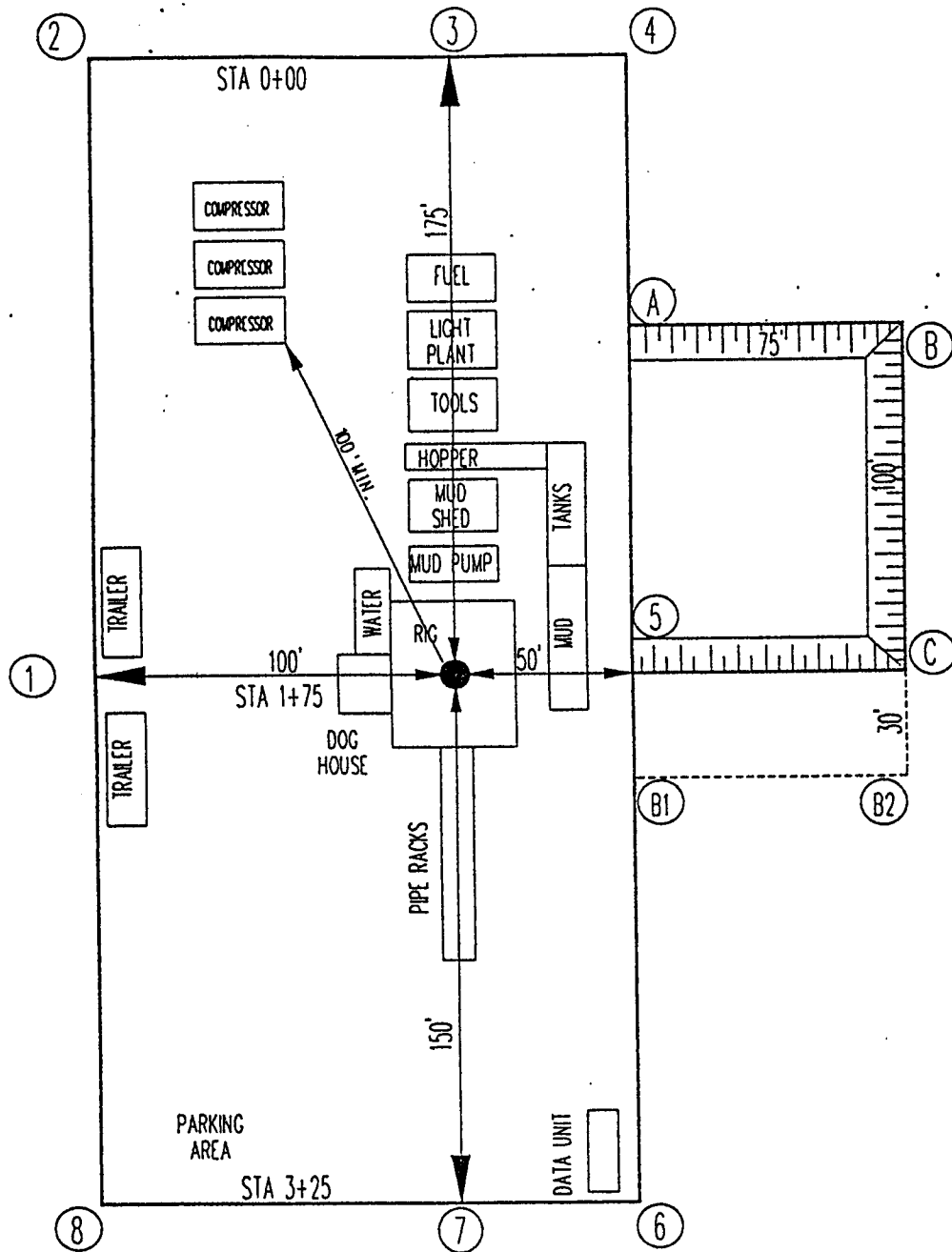
Title \_\_\_\_\_ Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

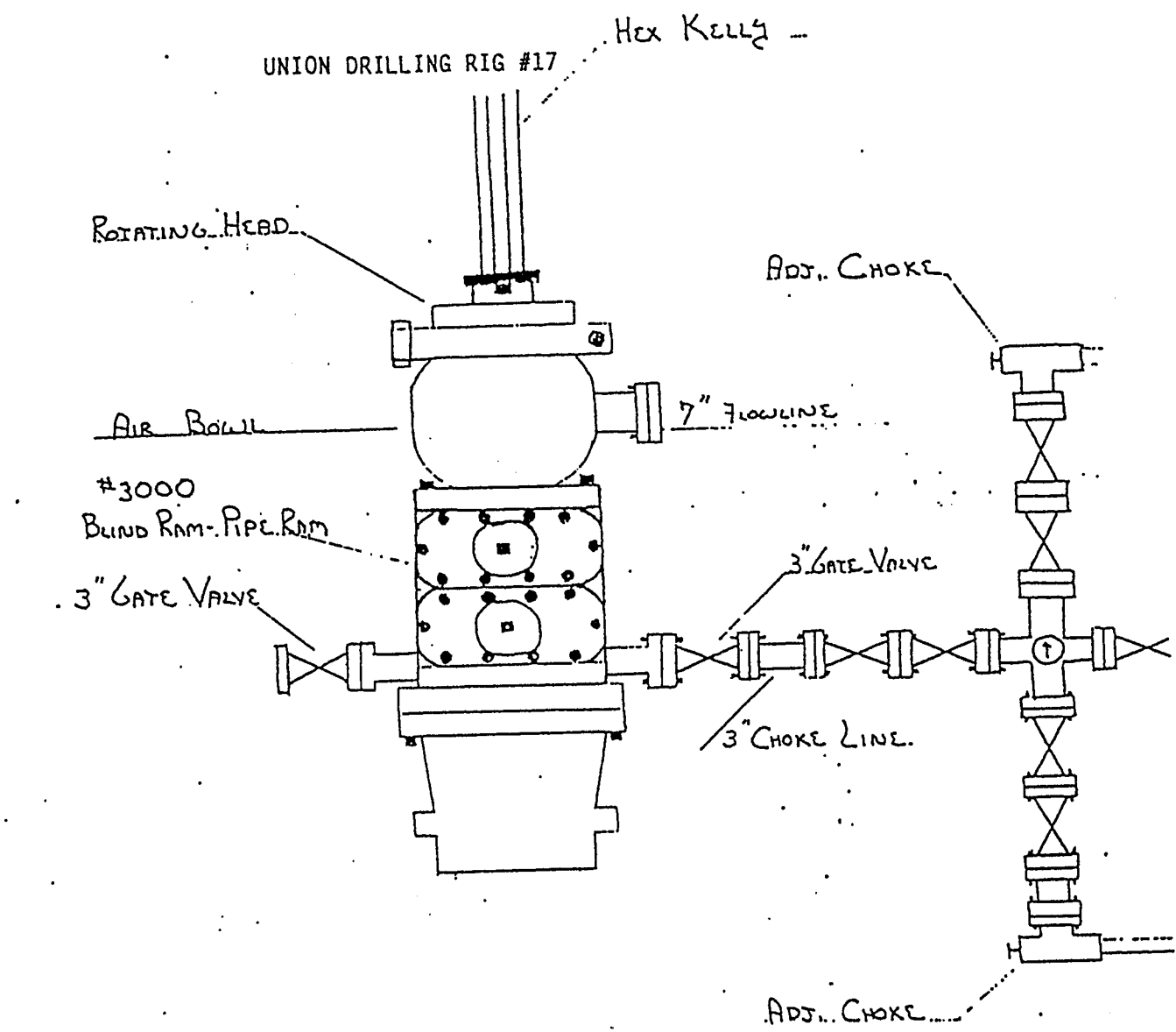
\*See Instruction on Reverse Side

# EQUITABLE RESOURCES ENERGY CO.

## WELLSITE LAYOUT



**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERMILION, UTAH 84078  
801-781-2501



#3000 STACK



APPLICATION TO APPROPRIATE WATER  
STATE OF UTAH

47-1674

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☒ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒
2. The name of the applicant is Joe Shields
3. The Post Office address of the applicant is Myton, Utah 84052
4. The quantity of water to be appropriated .015 second-feet and/or \_\_\_\_\_ acre-feet
5. The water is to be used for Stockwatering & Other from \_\_\_\_\_ to \_\_\_\_\_  
(Major Purpose) (Month) (Day) (Month) (Day)  
other use period Irrigation from Apr. 1 to Oct. 31  
(Minor Purpose) (Month) (Day) (Month) (Day)  
and stored each year (if stored) from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)
6. The drainage area to which the direct source of supply belongs is \_\_\_\_\_  
(Leave Blank)
7. The direct source of supply is Drain  
(Name of stream or other source)

which is tributary to \_\_\_\_\_, tributary to \_\_\_\_\_

\*Note:—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point\*  
West 900 ft. South 1100ft. from E½ Cor. Sec. 15, T4S, R2W, USB&M  
(3½ Miles SW of Myton)

\*Note:—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection ditch to place of use
10. If water is to be stored, give capacity of reservoir in acre-feet \_\_\_\_\_ height of dam \_\_\_\_\_  
area inundated in acres \_\_\_\_\_ legal subdivision of area inundated \_\_\_\_\_

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:  
NE¼SE¼ Sec. 15, T4S, R2W, USB&M

\_\_\_\_\_ Total .25 Acres

12. Is the land owned by the applicant? Yes X No \_\_\_\_\_ If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes \_\_\_\_\_ No X  
If "yes," identify other water rights on page 2.
14. If application is for power purposes, describe type of plant, size and rated capacity. \_\_\_\_\_

15. If application is for mining, the water will be used in \_\_\_\_\_ Mining District at  
the \_\_\_\_\_ mine, where the following ores are mined \_\_\_\_\_

16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle  
in NE¼SE¼ Sec. 15, T4S, R2W, USB&M

17. If application is for domestic purposes, number of persons \_\_\_\_\_, or families \_\_\_\_\_

18. If application is for municipal purposes, name of municipality \_\_\_\_\_

19. If application is for other uses, include general description of proposed uses Oil Field use

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Myton Oil Field in Pleasant Valley

21. The use of water as set forth in this application will consume .015 second-feet and/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: \_\_\_\_\_

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

[Lined area for additional facts]

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

*[Signature]*  
Signature of Applicant\*

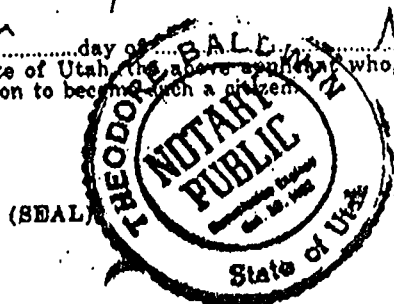
\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Vintah } ss  
County of 10th

On the 10th day of May, 1982, personally appeared before me, a notary public for the State of Utah, the above applicant, who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:



*Theodore Baldwin*  
Notary Public

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil Division

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface

644.7' FNL, 1830.3' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 16.6 miles southwest of Myton, Utah

16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

18. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6,000' 5,800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,737.20' GL

22. APPROX. DATE WORK WILL START\*

Upon APD Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See drilling	program/casing	design		

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM  
"B" PROPOSED SURFACE USE PROGRAM  
"C" GEOLOGIC PROGNOSIS  
"D" DRILLING PROGRAM/CASING DESIGN  
"E" EVIDENCE OF BOND COVERAGE  
"F" SURVEY PLAT

"G" RIG LAYOUT  
"H" BOPE DIAGRAM  
"I" EXISTING ROADS (Map A)  
"J" PLANNED ACCESS (Map B)  
"K" EXISTING WELLS (Map C)  
"L" CUT & FILL DIAGRAM  
"M" Archaeological Survey

RECEIVED

OCT 22 1993

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Bobbie Schuman*

TITLE

Coordinator of Environmental  
and Regulatory Affairs

DATE

October 20, 1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 2 1993

DEC 13 1993

APPROVED BY

*Edmund J. Schuman*

ASSISTANT DISTRICT

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS & MINING ATTACHED

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

## WELL LOCATION INFORMATION

Company/Operator: Equitable Resources Energy Company

API Number 43-013-31422

Well Name & Number: Balcron Monument Federal 21-15J

Lease Number: U-017985

Location: NENW Sec. 15 T.9 S. R.16 E.

Surface Ownership: BLM

Date NOS Received August 23, 1993

Date APD Received October 22, 1993

## NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm$  2,702 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm$  2,502 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka      (801) 781-1190  
Petroleum Engineer

Ed Forsman              (801) 789-7077  
Petroleum Engineer

BLM FAX Machine      (801) 781-4410



## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

The reserve pit shall be lined with a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

The requested emergency pit is hereby approved under Onshore Order No. 7, subject to the following Conditions of Approval:

1. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for the drilling reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
2. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

The dirt contractor will follow the layout as depicted on "Exhibit L" to assure correct location layout.

Fall seeding will be done after September 15 and prior to prolonged ground frost.

If construction or surface disturbing activities are to occur between March 15 and August 15, it is required that a field survey be performed to assure that the nesting activities of Mountain Plover are not disturbed.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 21-15J

API NO. 43-013-31422

Section 15 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/7/94

Time 11:00 AM

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by DENNIS INGRAM-DOGM

Telephone # \_\_\_\_\_

Date 2/9/94 SIGNED FRM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE NW Section 15, T9S, R16E

644.7' ENL, 1830.3' FWL

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #21-15J

9. API Well No.

43-013-31422

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Report of Spud.

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was spud on 2-7-94 at 11 a.m. by Leon Ross Air Drilling.

14. I hereby certify that the foregoing is true and correct

Signed

*Bobbie Schuman*

Coordinator of Environmental and  
Regulatory Affairs

Date 2-8-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

OPERATOR Equitable Resources Energy Company,  
ADDRESS Balcron Oil Division  
P.O. Box 21017  
Billings, MT 59104

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11492	43-013-31422	Balcron Monument Federal #21-15J	NE NW	15	9S	16E	Duchesne	2-7-94	2-7-94

WELL 1 COMMENTS:

Spud of new well, please add to Jonah Unit entity. Entity added 2-15-94. *J. Lee*

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

DATE: 2-8-94

*Robbie Schuman*  
Signature  
Coordinator of Environmental  
and Regulatory Affairs Date

Phone No. 1406 1259-7860

NOTE: Use COMMENT section to explain why each Action Code was selected.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

FEB 24 1994

1. Well name and number: Balcron Monument Federal #21-15J  
API number: 43-013-31422
2. Well location: QQ NE NW section 15 township 9S range 16E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division  
Address: P.O. Box 21017 phone: (406) 259-7860  
Billings, MT 59104
4. Drilling contractor: Union Drilling  
Address: Drawer 40 phone: (304) 472-4610  
Buckhammon, WY 26201

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: See Geologic Report submitted separately.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman  
Title Coordinator of Environmental and Date 2-18-94  
Regulatory Affairs

Comments:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE NW Section 15, T9S, R16E

644.7' FNL, 1830.3' FWL

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #21-15J

9. API Well No.

43-013-31422

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator plugged and abandoned this well as follows:

Plug	Interval	Sacks of Cement
#1	5385' - 5185'	96 Class "G".
#2	2926' - 2576'	143 Class "G".
#3	1526' - 1426'	68 Class "G".
#4	311' - 211'	Btm of surface - 46 Class "G".
#5	0' - 50'	20 Class "G".

Plugging from Ed Forsman with BLM at 1:30 a.m. 2-17-94. BLM representative on location - Jamie Sparger.  
Fig released at midnight 2-17-94.

14. I hereby certify that the foregoing is true and correct

Coordinator of Environmental and

Signed Bobbie Schuman

Title Regulatory Affairs

Date 2-18-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT

CATE\*

Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other \_\_\_\_\_

CONFIDENTIAL

2. NAME OF OPERATOR  
Equitable Resources Energy Company, Balcron Oil Division  
3. ADDRESS OF OPERATOR  
P.O. Box 21017, Billings, MT 59104  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 644.7' FNL, 1830.3' FWL.  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
U-017985  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
n/a  
7. UNIT AGREEMENT NAME  
Jonah Unit  
8. FARM OR LEASE NAME  
Balcron Monument Federal  
9. WELL NO.  
#21-15J  
10. FIELD AND POOL, OR WILDCAT  
Monument Butte/Green River  
11. SEC. T., R., N., OR BLOCK AND SURVEY OR AREA  
NE NW Section 15, T9S, R16E

14. PERMIT NO. 43-013-31422 DATE ISSUED 11-22-93  
15. DATE SPUDDED 2-7-94 16. DATE T.D. REACHED 2-17-94 17. DATE COMPL. (Ready to prod.) n/a 2-17-94 PA 18. ELEVATIONS (OF, RKB, RT, OR, ETC.)\* 5737.20' GL  
19. ELEV. CASINGHEAD n/a  
20. TOTAL DEPTH, MD & TVD 5800' 21. PLUG, BACK T.D., MD & TVD n/a 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY Sfc - TD  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* n/a  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Phaser Induction - LDE/CNL/GK  
27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)  
CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED  
8-5/8" 24# 259.4' KB 12-1/4" 150 sxs Class "G" + additives r/a

29. LINER RECORD 30. TUBING RECORD  
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  
n/a n/a

31. PERFORATION RECORD (Interval, size and number) n/a  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
n/a

33. PRODUCTION  
DATE FIRST PRODUCTION n/a PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) n/a WELL STATUS (Producing or shut-in) P & A  
DATE OF TEST HOURS TESTED CHOKED SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO  
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 2-18-94

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

38.

TRUE  
VERT. DEPTH

See Geologic Report submitted separately.

DAILY OPERATING REPORT

FEB 25 1994

BALCRON MONUMENT FEDERAL #21-15J

Location: NE NW Section 15, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

644.7' FNL 1830.3' FWL

PTD: 5800' Formation: Green River

Prospect: JONAH UNIT, Monument Butte Field

Elevations: 5,737.20' GL, 5,747.20' KB

Contractor: Union Drilling #17 (KB 10')

Operator: Balcron/EREC

Spud: 2-7-94 @ 11 a.m. (Leon Ross)

Casing: 8-5/8" @ 257' KB

2-7-94 Well was spud by Leon Ross Air Drilling at 11 a.m. 2-7-94.

12-15/16-93 Work on location.

12-17-93 Work on location, couldn't rip rock up in pit, will have to drill & shoot.

12-18-93 Drill holes in pit.

12-21-93 Drill pit & shoot.

12-29-93 thru 1-4-94 Work on & finish location.

2-7-94 Move Leon Ross Drilling on & spud 12-1/4" hole @ 11:30 a.m.

2-8-94 Run 6 jts of 8-5/8" csg & cmt as follows:

Guide Shoe	.60'
------------	------

One jt 8-5/8" 24# shoe jt	43.06'
---------------------------	--------

Insert	----
--------	------

Five jts 8-5/8" 24# J-55 csg	205.74'
------------------------------	---------

Csg set at	249.40'
------------	---------

Union Drilling Rig #17 KB	10.00'
---------------------------	--------

3 Centralizers

Cmt by Western w/150 sxs Class "G" w/2% CCL & 1/4#/sx celoflake.

3 bbls cmt circ back to pit. Plug down @ 12:00 noon 2-8-94.

DC: \$15,764

CC: \$15,764

2-9-94 Install pit liner & put on well head.

DC: \$15,350

CC: \$31,114

2-11-94 TD: 904' (647') Day 1

Formation: Uintah

MW 8.4 VIS 26 pH air & foam

Present Operation: Drilling

RU Union Drilling & NU BOP. Test BOP & manifold to 2000# - OK.

Test csg to 1500# - OK. PU collars & drill cmt. Drill ahead & survey.

DC: \$11,204

CC: \$42,318

## DAILY OPERATING REPORT

### BALCRON MONUMENT FEDERAL #21-15J

Location: NE NW Section 15, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

2-12-94 TD: 2,133' (1,229') Day 2  
Formation: Green River  
MW 8.4 VIS 26  
Present Operation: Drilling  
Drill, replace drilling line, drill ahead, & survey.  
DC: \$16,201 CC: \$58,519

2-13-94 TD: 3,334' (1,201') Day 3  
Formation: Green River  
MW 8.4 VIS 26  
Present Operation: Drilling  
Drill, survey, & change airhead rubber.  
DC: \$15,432 CC: \$73,951

2-14-94 TD: 4,020' (686') Day 4  
Formation: Yellow Zone  
MW 8.4 VIS 26  
Present Operation: Drilling  
Drill, survey, load & circ hole w/fluid. Had to circ extra 1-1/2  
hrs to circ gas out. Trip for bit #2, work on auto driller & drill  
ahead.  
DC: \$9,430 CC: \$83,381

2-15-94 TD: 4,815' (795') Day 5  
Formation: Red Zone  
MW 8.3 VIS 26  
Present Operation: Drilling  
Drill, survey, & clean on rig.  
DC: \$11,880 CC: \$95,261

2-16-94 TD: 5,600' (785') Day 6  
Formation: Blue Zone  
MW 8.4 VIS 26  
Present Operation: Drilling  
Drill, survey, & clean on rig.  
DC: \$10,603 CC: \$105,864

2-17-94 TD: 5,800' (200') Day 7  
Formation: Green River  
MW 8.4 VIS 26  
Present Operation: Plug well.  
Drill, survey, circ for logs, TOH for logs, & log well. LD  
collars, TIH to 5385' & circ. RU Western.  
DC: \$16,420 CC: \$122,284

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #21-15J

Location: NE NW Section 15, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

2-18-94 Present Operation: Plug well & RDMO.

Plugged well as follows:

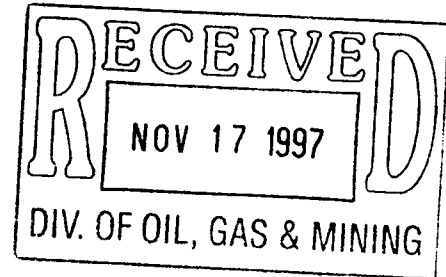
Plug #1	5385'-5185'	96 sxs Class "G" cmt.
Plug #2	2926'-2576'	143 sxs Class "G" cmt.
Plug #3	1526'-1426'	68 sxs Class "G" cmt.
Plug #4	311'- 211'	Btm of surface - 46 sxs Class "G" cmt.
Plug #5	0'- 50'	20 sxs Class "G" cmt.

ND BOP & clean mud tank, last plug in @ 8 p.m. Release rig @ 12 midnight.

DC: \$10,430                      CC: \$132,714



November 13, 1997



State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Mr. Michael Hebertson

Re: Sundry Notices and Reports on Wells (Form 5)  
Change of Operator (P&A Wells)

Dear Mr. Hebertson:

Enclosed are the above referenced documents for properties acquired from Equitable Resources Energy Company. If you should have any questions, please contact me at (303) 376-8107.

Sincerely,

Laurie J. Horob  
Engineering Technician

Enclosures

Cc: Well File – Denver  
Well File – Roosevelt

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**See Attached Exhibit**

5. Lease Designation and Serial No.

**See Attached**

6. If Indian, Allottee or Tribe Name

**See Attached**

7. If Unit or CA, Agreement Designation

**See Attached**

8. Well Name and No.

**See Attached**

9. API Well No.

**See Attached**

10. Field and Pool, or Exploratory Area

**See Attached**

11. County or Parish, State

**See Attached**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Change of Operator**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

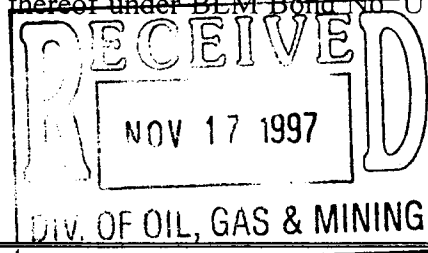
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, Montana 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.



14. I hereby certify that the foregoing is true and correct

Signed

Title

**Manager of Land**

Date

**11/13/97**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

UTP & A

UT Plugged and Abandoned Wells Bought by Inland Resources, Inc.

Balcron Federal #41-10Y	Undesignated	NE NE	10	9S	16E	Duchesne	UT 5/15/95	Green River	U-65208	43-013-31478	660' FNL, 660' FEL	Vernal	
Balcron Federal #44-33Y	8 Mile Flat N.	SE SE	33	8S	18E	Uintah	UT 9/30/94	Green River	U-65969	43-047-32505	778.4' FSL, 623.7' FEL	Vernal	
Balcron Monument Fed. #13-25	Undesignated	NW SW	25	8S	17E	Uintah	UT 10/26/95	Green River	U-67845	43-047-32527	2254' FSL, 484' FWL	Vernal	
Balcron Monument Fed. #21-15J	Monument Butte	NE NW	15	9S	16E	Duchesne	UT 2/18/94	Green River	U-017985	43-013-31422	648' FNL, 1830' FWL	Vernal	Jonah Unit
Monument Federal #21-23-9-17Y	Monument Butte	NE NW	23	9S	17E	Uintah	UT 4/4/96	Green River	U-68102		773' FNL, 1809' FWL	Vernal	
Balcron State #41-36Y	Undesignated	NE NE	36	9S	17E	Uintah	UT 5/2/95	Green River	ML-42156	43-047-32564	660' FNL, 660' FEL	STATE	
Monument Federal #32-10-9-17Y	Monument Butte	SW NE	10	9S	17E	Duchesne	UT 35181	Green River	U-65210		1900' FNL, 1980' FEL	Vernal	
<del>Balcron State #42-36</del>	<del>Wildcat</del>	<del>SW NW</del>	<del>06</del>	<del>16S</del>	<del>10W</del>	<del>Millard</del>	<del>UT 7/20/95</del>	<del>Palcozois</del>	<del>State ML 43944</del>	<del>43-027-30034</del>	<del>1700' FNL, 800' FWL</del>	<del>STATE</del>	<del>CAP</del>
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT P & A 8/2/96	Green River	U-52108		660' FSL, 860' FEL	Vernal	
Monument Federal #21-12J	Monument Butte	NE NW	12	9S	16E	Duchesne	UT	Green River	U-096550	43-013-31406	661' FNL & 1780' FWL	Vernal	Jonah Unit
Monument Federal #41-18	Monument Butte	NE NE	18	9S	17E	Duchesne	UT 11-15-93	Green River	U-72106	43-013-31399	660' FNL & 660' FEL	Vernal	





# EQUITABLE RESOURCES ENERGY COMPANY

## WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

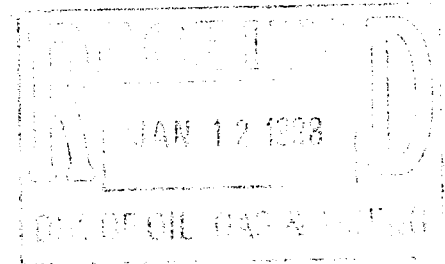
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3  
UT08438

December 9, 1997



Inland Production Company  
475 17th Street, Suite 1500  
Denver, CO 80202

Re: <sup>43-013-31422</sup>  
Well No. Balcron Mon Fed 21-15J  
NENW, Sec. 15, T9S, R16E  
Lease U-017985  
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company

# **OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION COMPANY  
(address) PO BOX 1446  
ROOSEVELT UT 84066

Phone: (801) 722-5103

Account no. N5160

FROM: (old operator)  
(address)

EQUITABLE RESOURCES ENERGY  
C/O CRAZY MTN O&G SVS'S  
PO BOX 577  
LAUREL MT 59044

Phone: (406) 628-4164

Account no. N9890

WELL(S) attach additional page if needed:

**\*JONAH UNIT/SEE COMMENTS**

Name: <u>FEDERAL 41-10Y/PA</u>	API: <u>43-013-31478</u>	Entity: <u>11764</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>U65208</u>
Name: <u>MON. FEDERAL 13-25/PA</u>	API: <u>43-047-32527</u>	Entity: <u>11835</u>	S	<u>25</u>	T	<u>8S</u>	R	<u>17E</u>	Lease: <u>U67845</u>
Name: <u>*MON. FEDERAL 21-15J/PA</u>	API: <u>43-013-31422</u>	Entity: <u>11492</u>	S	<u>15</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>U017985</u>
Name: <u>MON. FED. 21-23-9-17Y</u>	API: <u>43-013-31624</u>	Entity: <u>11894</u>	S	<u>23</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U68102</u>
Name: <u>MON. FED. 32-10-9-17Y</u>	API: <u>43-013-31592</u>	Entity: <u>11909</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U65210</u>
Name: <u>MON. FED. 44-17-9-16</u>	API: <u>43-013-31683</u>	Entity: <u>99998</u>	S	<u>17</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>U52018</u>
Name: <u>FEDERAL 41-18/PA</u>	API: <u>43-013-31399</u>	Entity: <u>11536</u>	S	<u>18</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U3563A</u>

## **OPERATOR CHANGE DOCUMENTATION**

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 11-17-97)*
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-13-98)*
6. **Cardex** file has been updated for each well listed above. *(1-13-98)*
7. Well **file labels** have been updated for each well listed above. *(1-13-98)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-13-98)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- See* 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*Entity 11492 "Jonah Unit" Op. chg. pending. 21-159 is a plugged well.*
- N/A* 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A* 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- See* 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A* 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.  
*OT, 1/14/98*
- N/A* 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- VB* 1. All attachments to this form have been microfilmed. Today's date: 2-3-98.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

*980113 BLM / Vernal Aprv. 12-9-97.*

*\* 21-159 within Jonah Unit; however it is a plugged well. No entity chg. necessary at this time. Also operator for Jonah is Equitable but chg. to Toland in progress.*



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM:** (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO:** ( New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 31-1J	01	090S	160E	4301331413	11492	Federal	OW	P
MONUMENT FED 32-1J	01	090S	160E	4301331414	11492	Federal	OW	P
MON FED 44-1J	01	090S	160E	4301331415	11492	Federal	WI	A
MON FED 34-10J	10	090S	160E	4301331416	11492	Federal	WI	A
MON FED 12-11J	11	090S	160E	4301331417	11492	Federal	WI	A
MONUMENT FED 33-11J	11	090S	160E	4301331451	11492	Federal	OW	P
MONUMENT FED 24-12J	12	090S	160E	4301331409	11492	Federal	OW	P
MON FED 12-12J	12	090S	160E	4301331410	11492	Federal	WI	A
MON FED 14-12J	12	090S	160E	4301331411	11492	Federal	WI	A
MON FED 32-12J	12	090S	160E	4301331419	11492	Federal	WI	A
MON FED 42-12J	12	090S	160E	4301331486	11492	Federal	WI	A
MONUMENT FED 41-12J	12	090S	160E	4301331487	11492	Federal	OW	P
MON FED 41-14J	14	090S	160E	4301331408	11492	Federal	WI	A
MON FED 21-14J	14	090S	160E	4301331421	11492	Federal	WI	A
MONUMENT FED 21-15J	15	090S	160E	4301331422	11492	Federal	NA	PA
MON FED 31-7J	07	090S	170E	4301331405	11492	Federal	WI	A
MON FED 11-7J	07	090S	170E	4301331492	11492	Federal	WI	A
MONUMENT FED 12-7J	07	090S	170E	4301331493	11492	Federal	OW	P
JONAH 6-7	07	090S	170E	4301331987	11492	Federal	WI	A
JONAH 7-7	07	090S	170E	4301331988	11492	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05